

FIG. 5

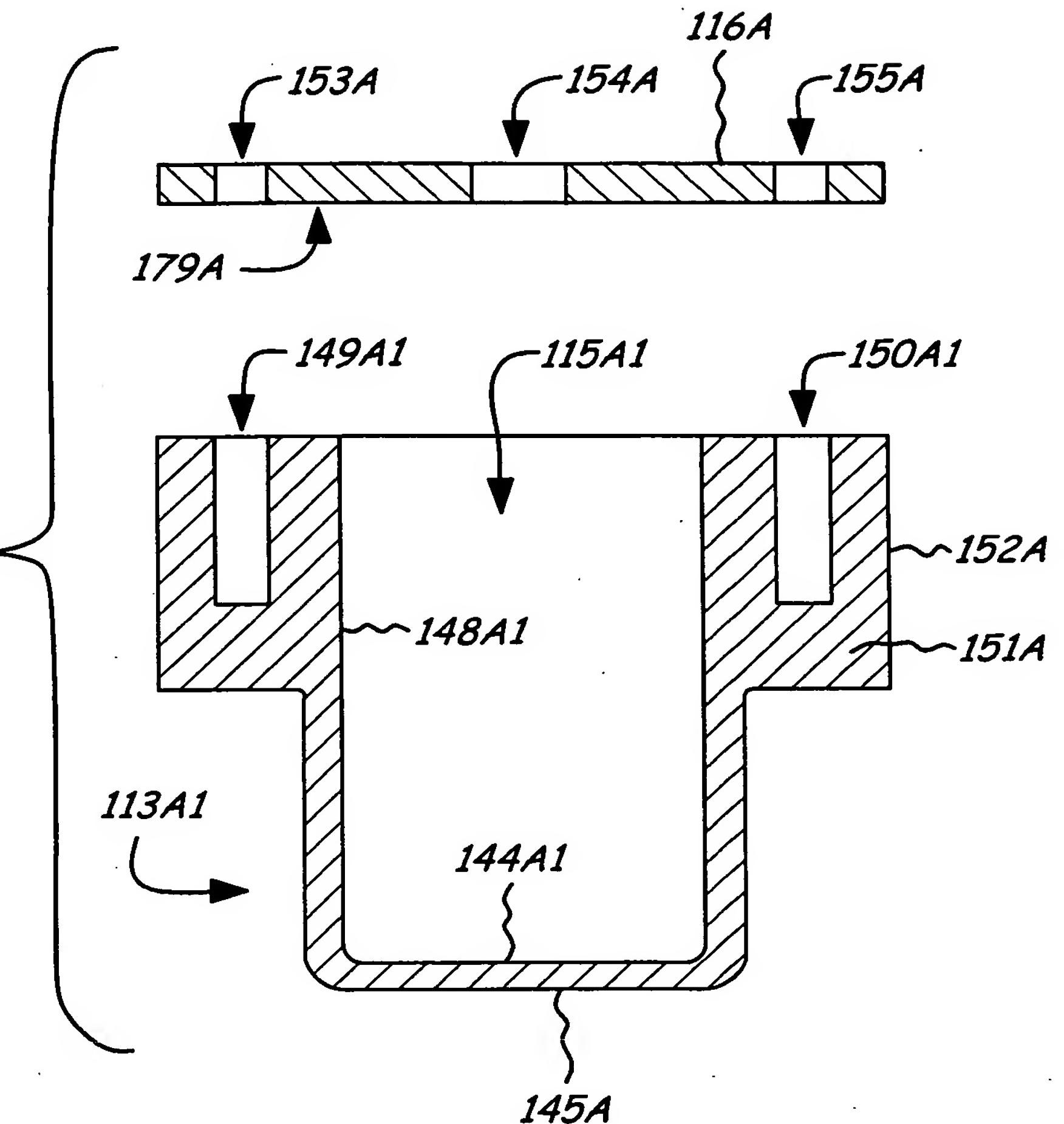
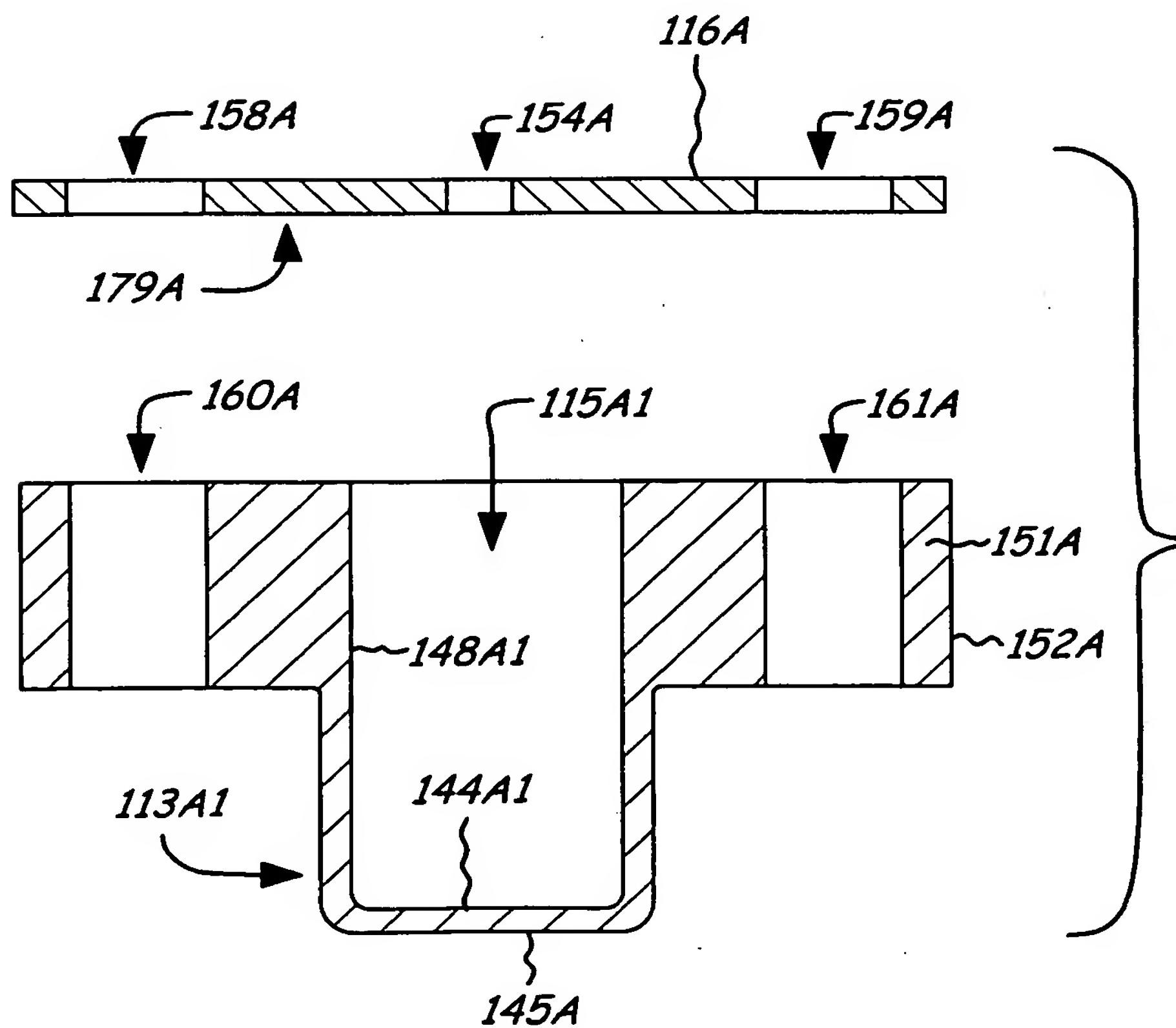


FIG. 7



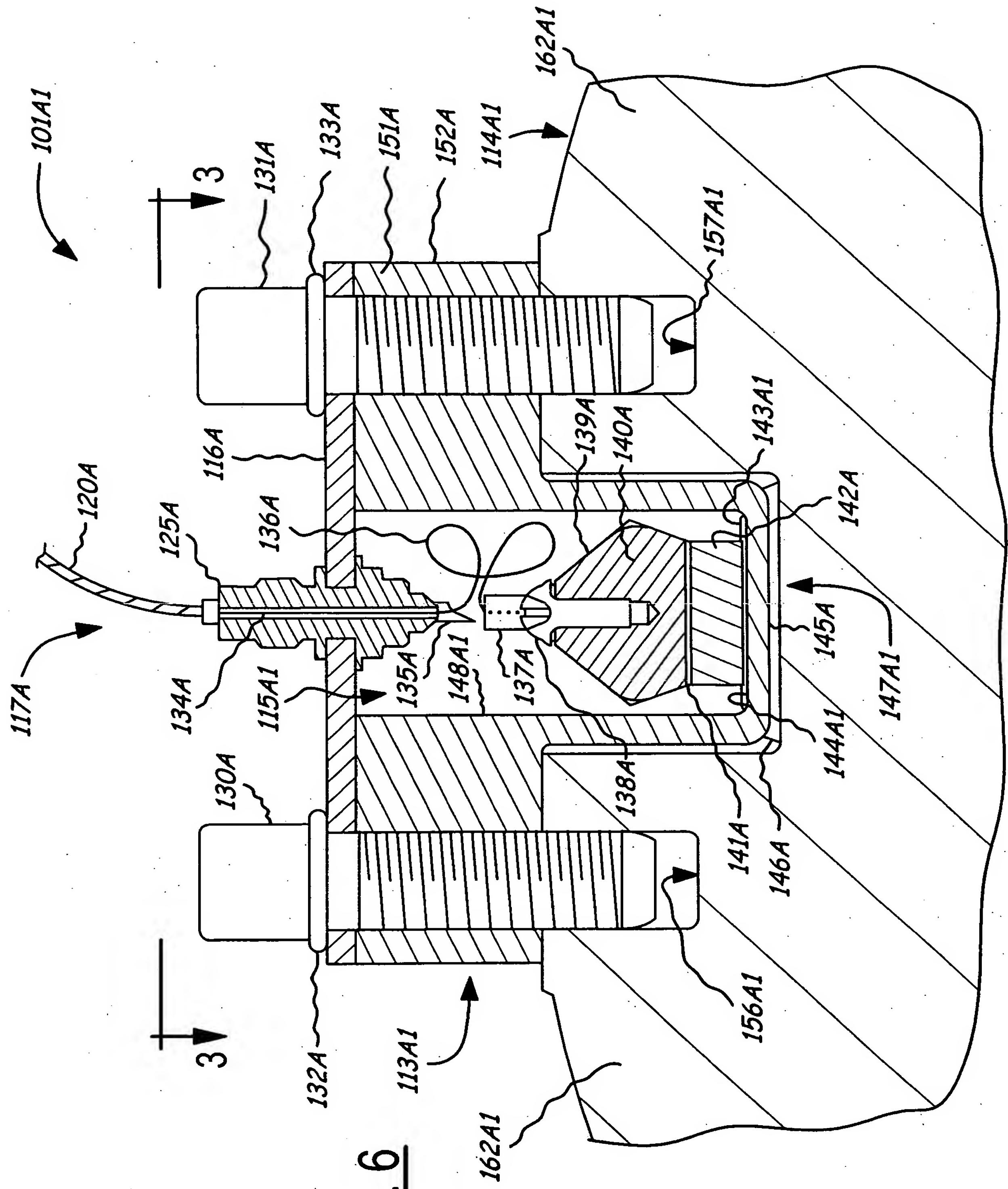
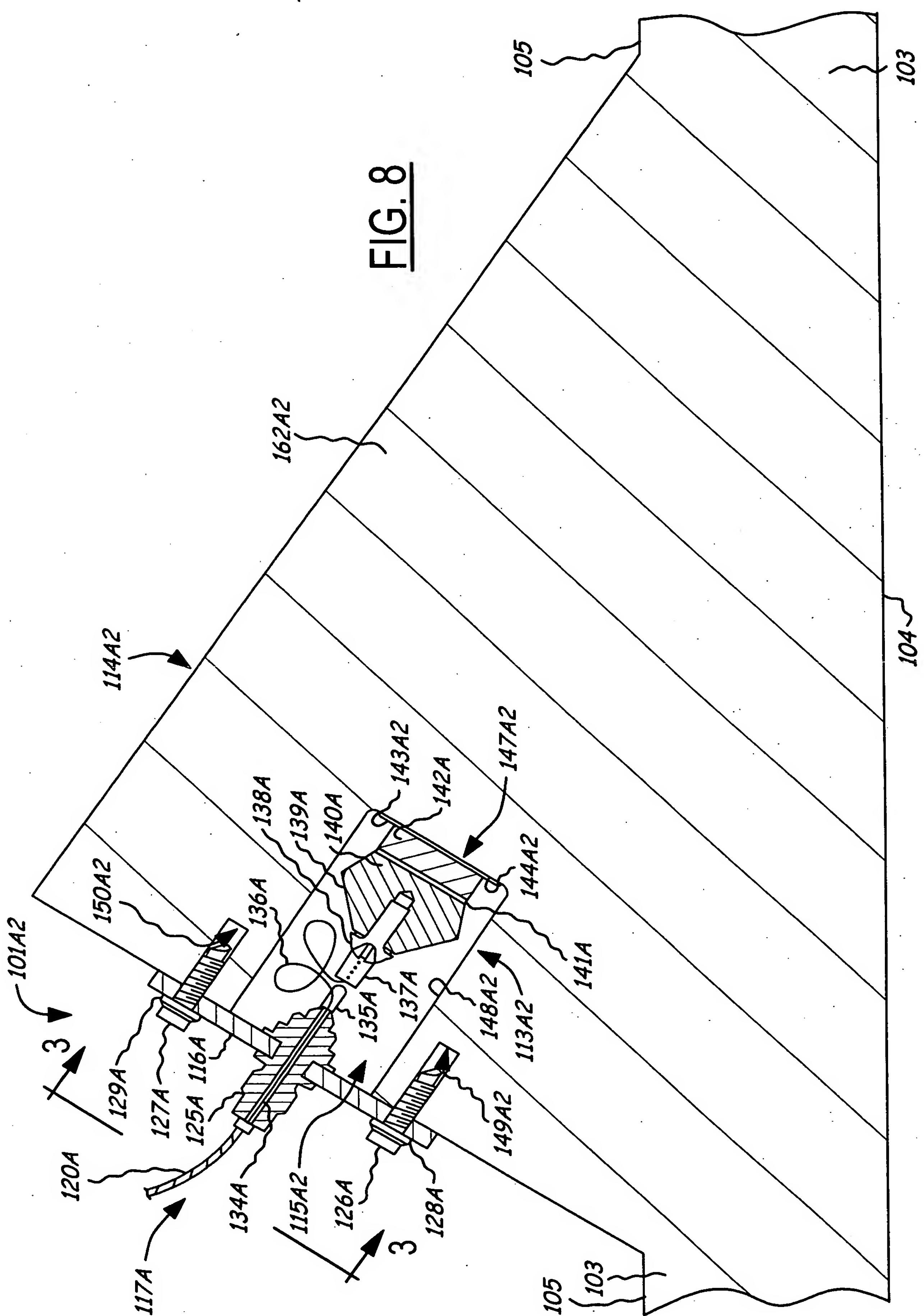
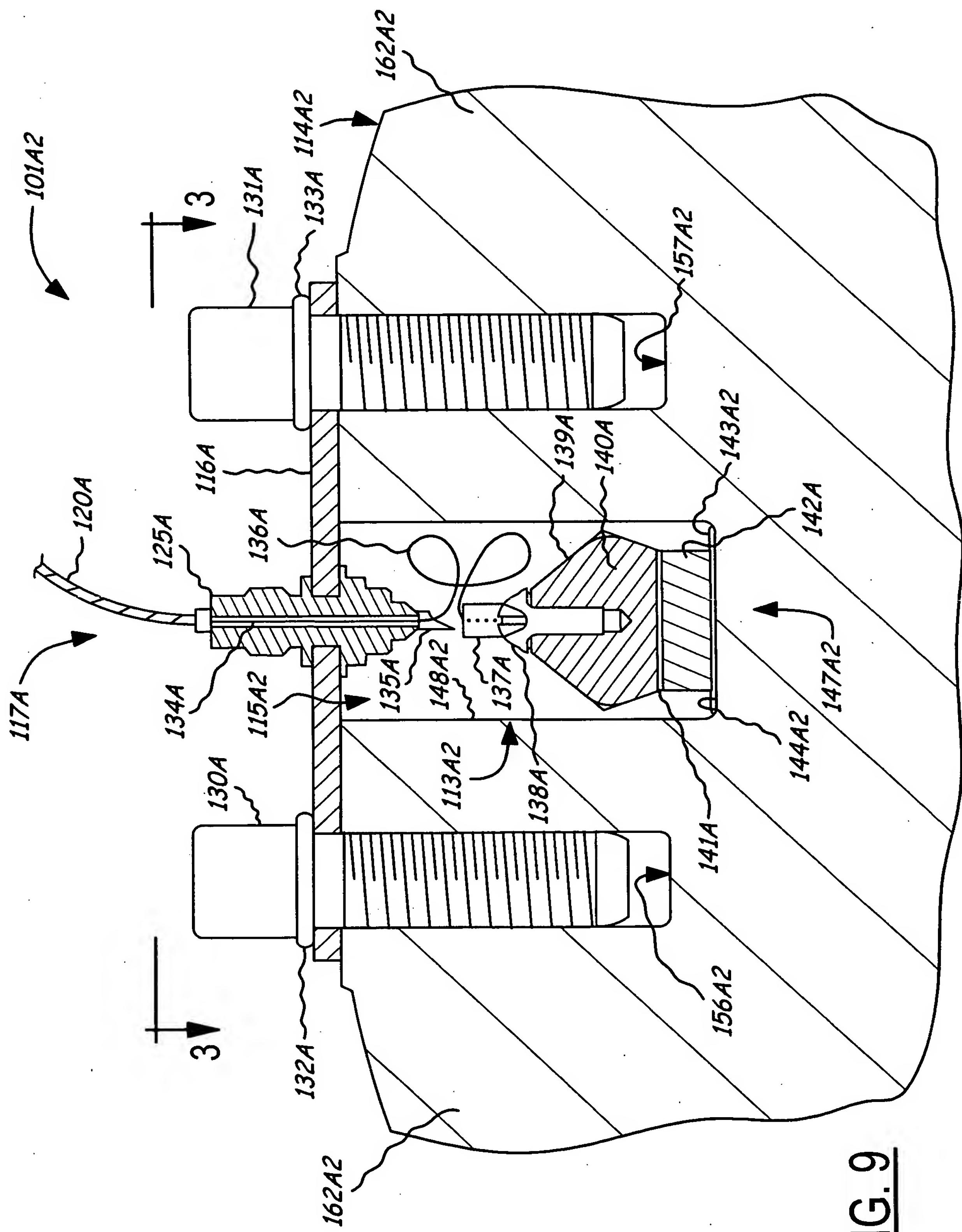
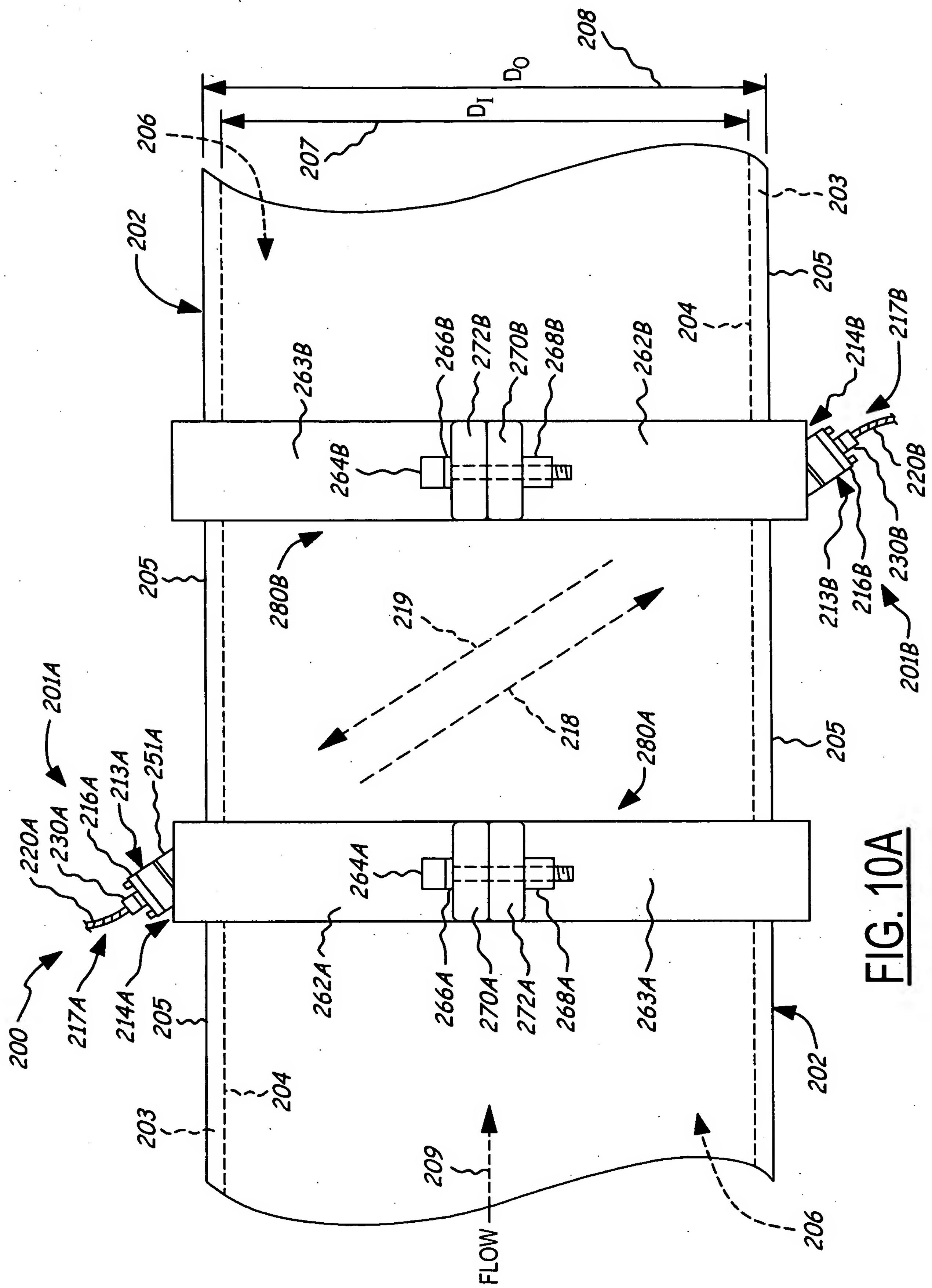


FIG. 6

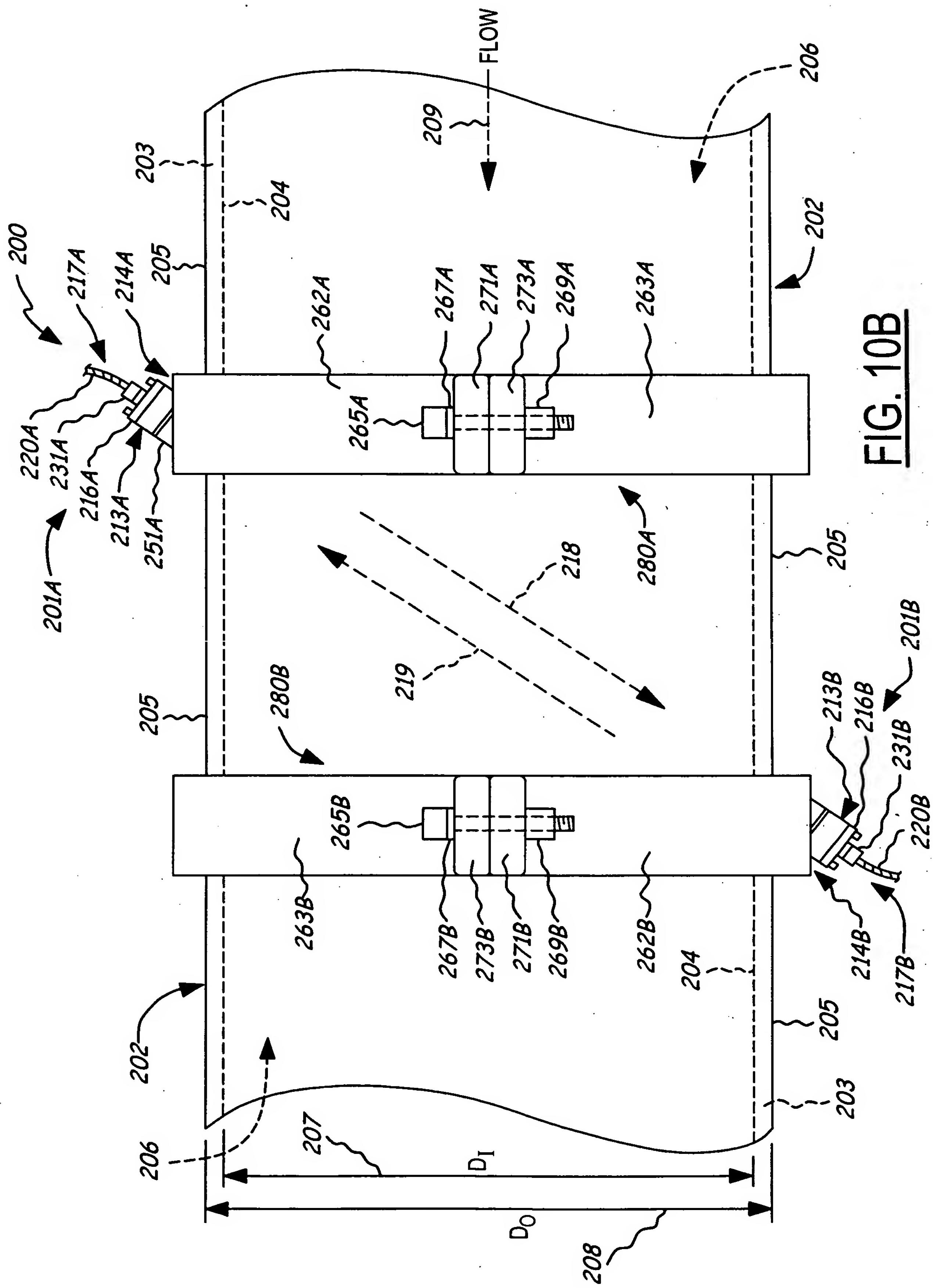




6



**FIG. 10A**



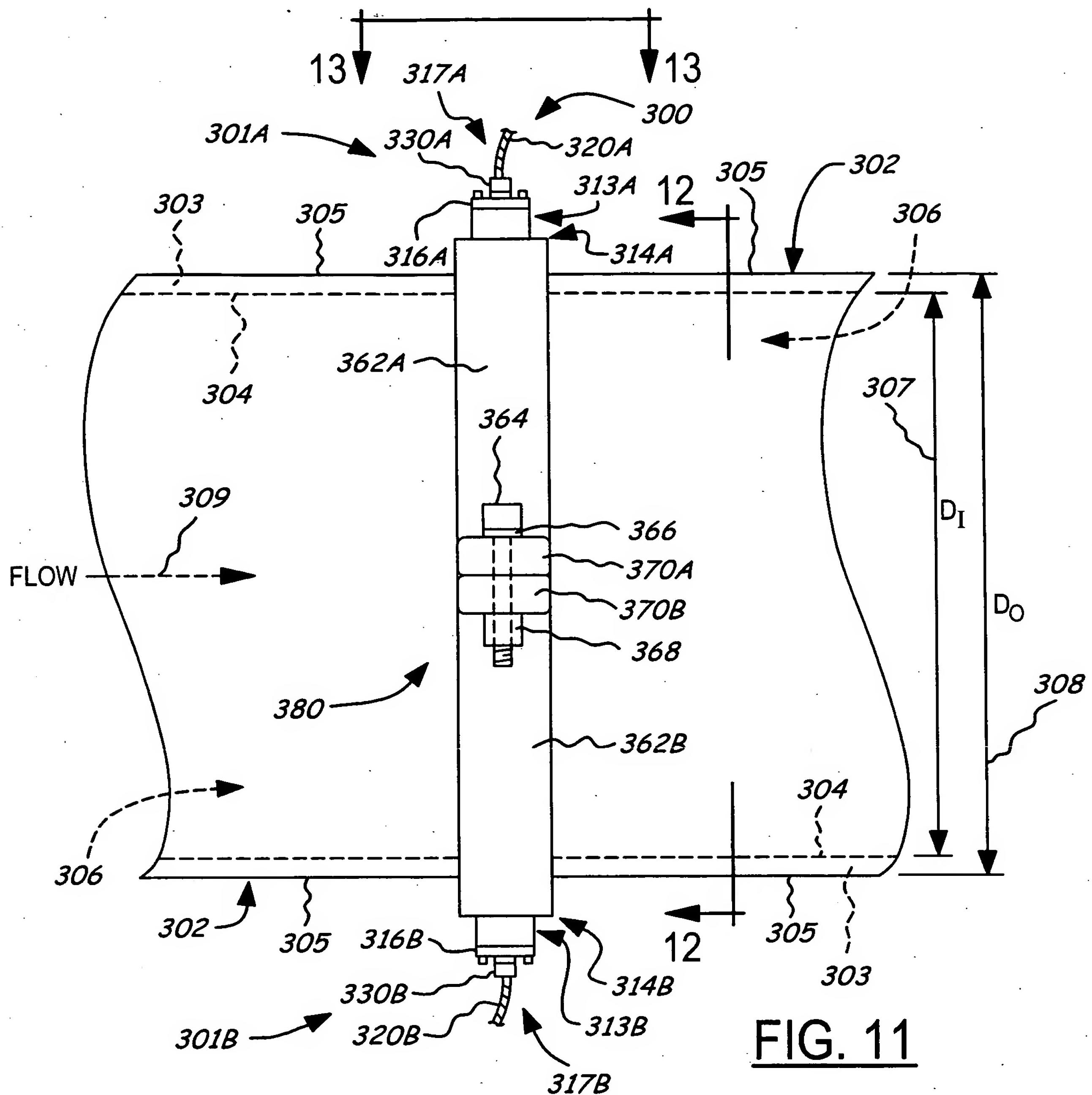


FIG. 11

175A, 275A, 375A

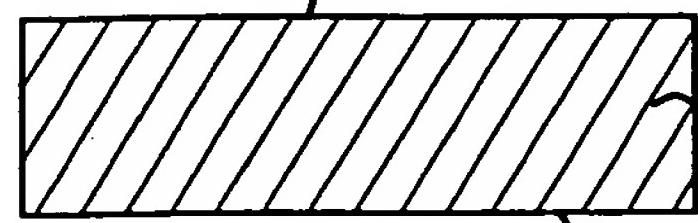


FIG. 16A 176A, 276A, 376A

175A, 275A, 375A

177A, 277A, 377A

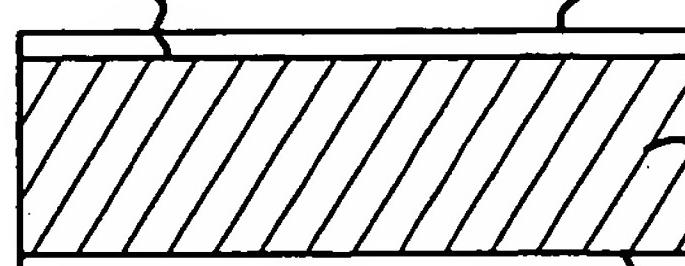
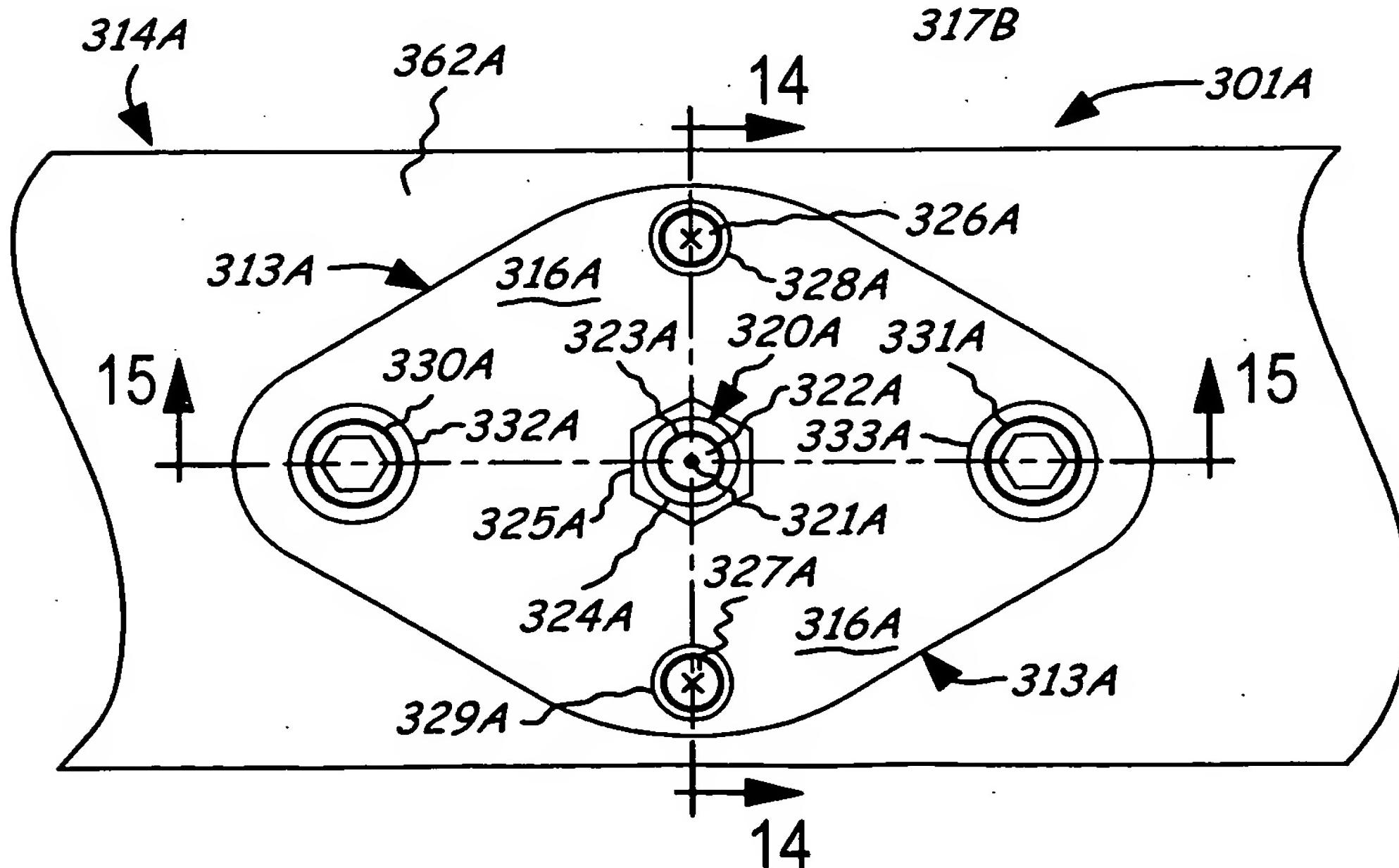
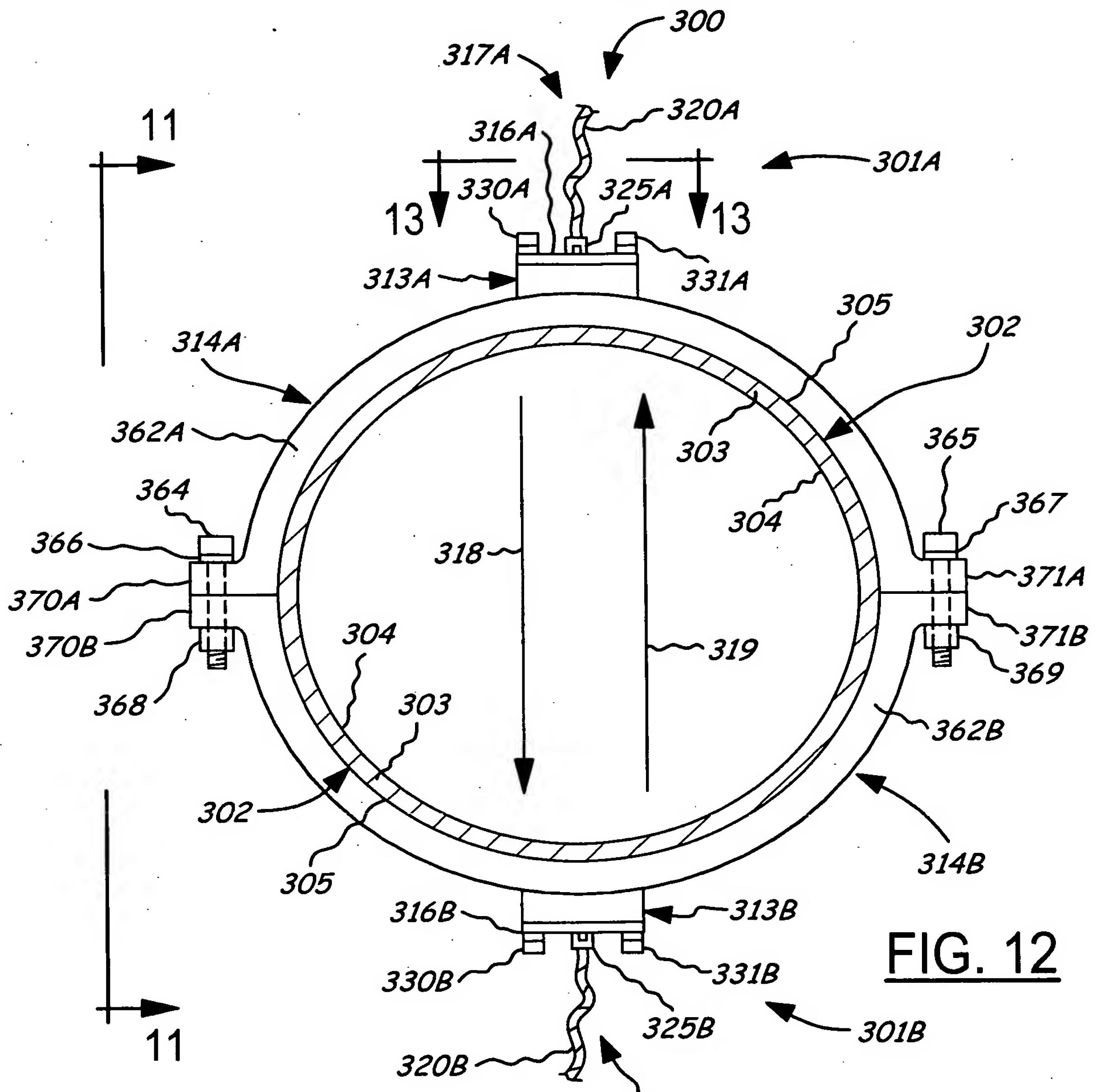
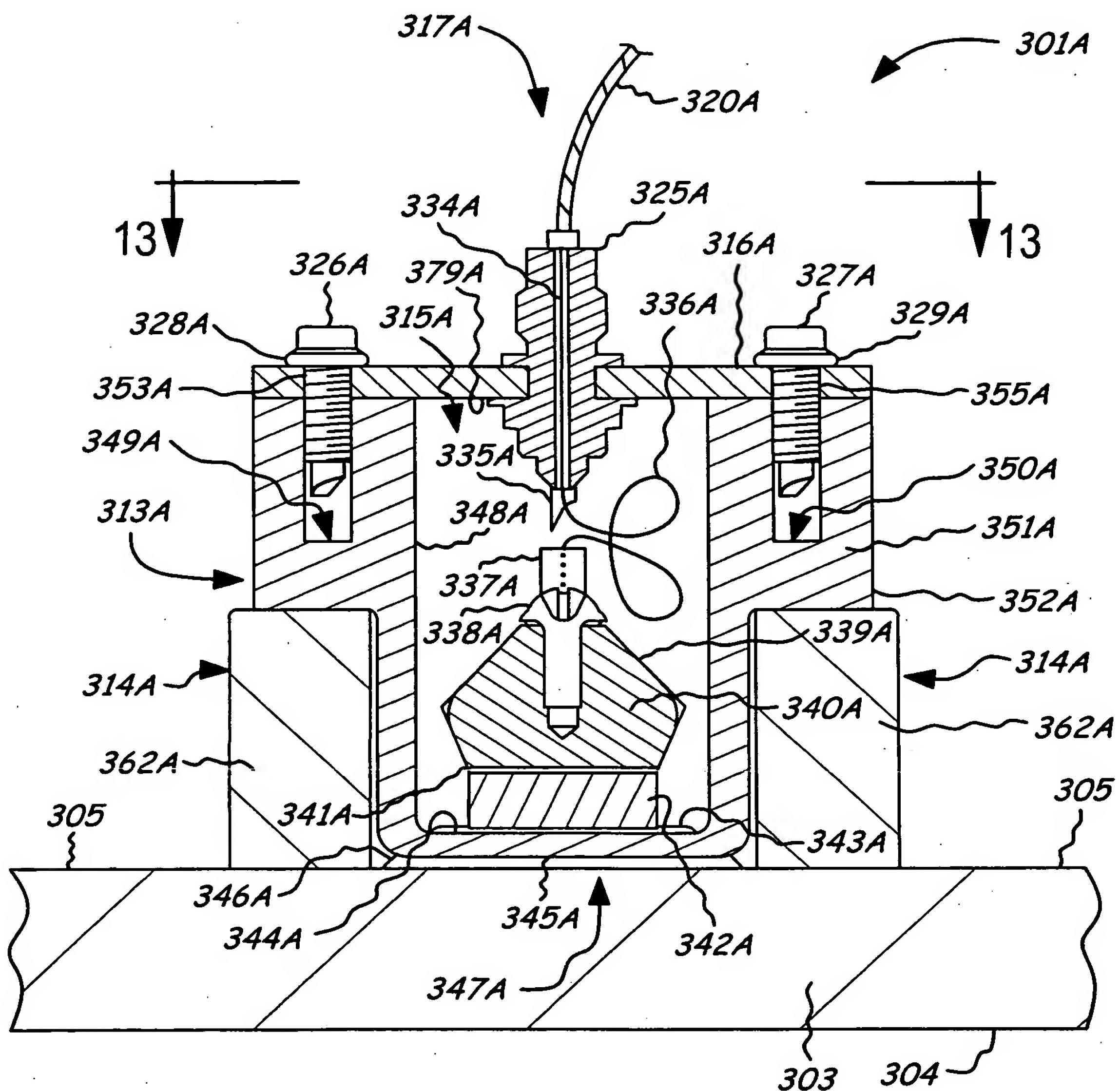


FIG. 16B 176A, 276A, 376A





**FIG. 14**

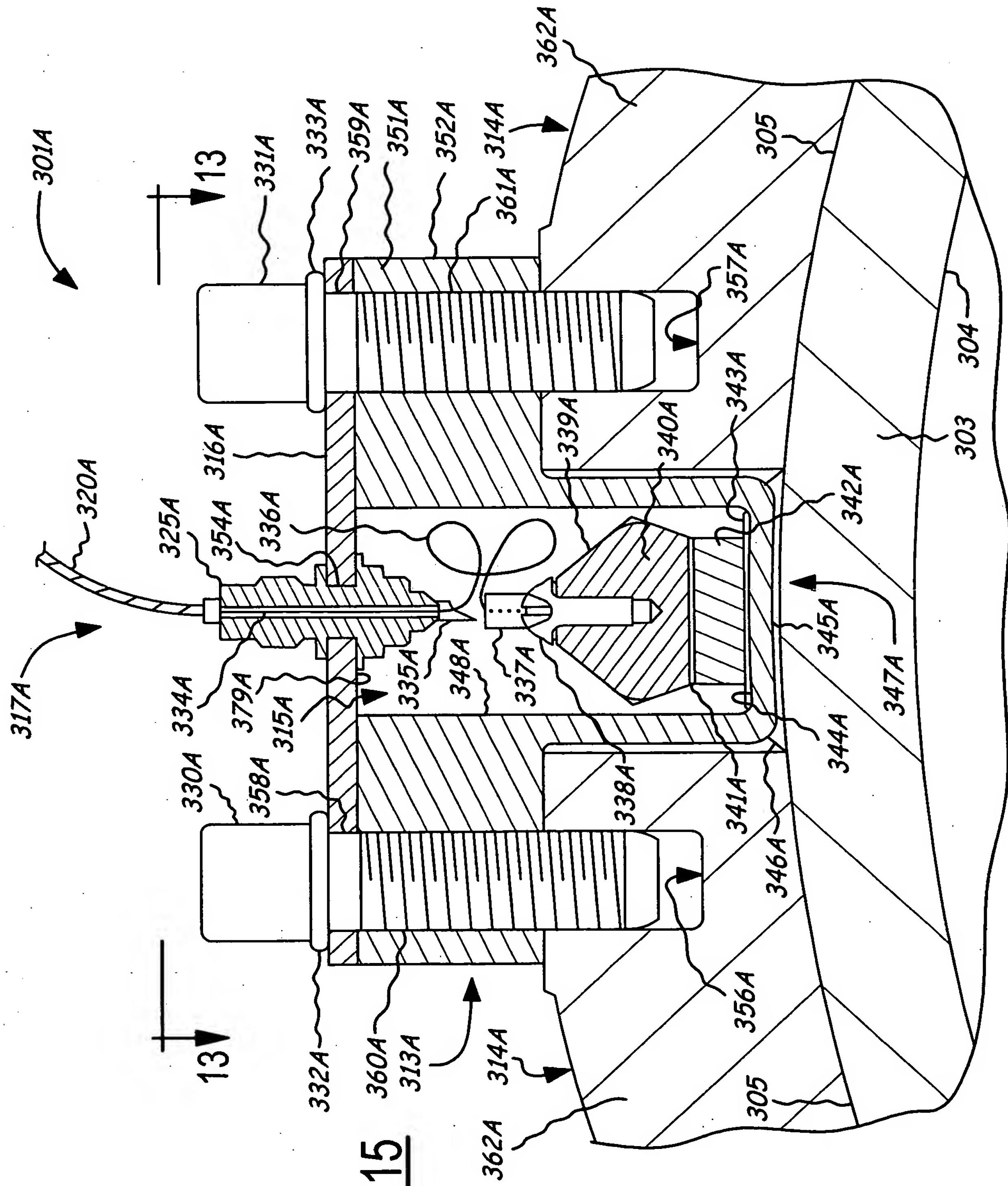


FIG. 15

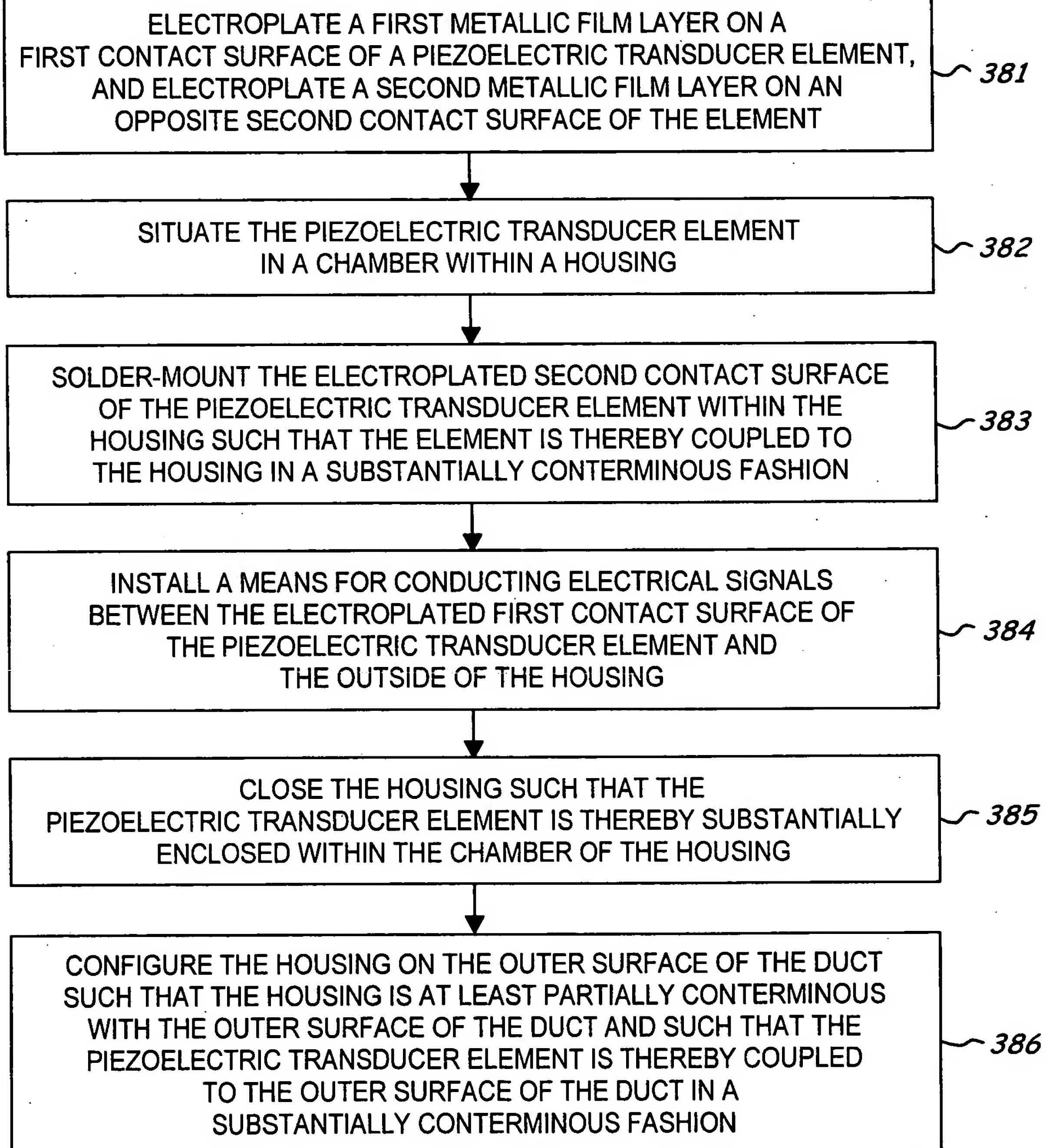


FIG. 17A

ELECTROPLATE A FIRST METALLIC FILM LAYER ON A FIRST CONTACT SURFACE OF A PIEZOELECTRIC TRANSDUCER ELEMENT, AND ELECTROPLATE A SECOND METALLIC FILM LAYER ON AN OPPOSITE SECOND CONTACT SURFACE OF THE ELEMENT

~ 391

CONFIGURE A HOUSING ON THE OUTER SURFACE OF THE DUCT SUCH THAT THE HOUSING IS AT LEAST PARTIALLY CONTERMINOUS WITH THE OUTER SURFACE OF THE DUCT

~ 392

SITUATE THE PIEZOELECTRIC TRANSDUCER ELEMENT IN A CHAMBER WITHIN A HOUSING

~ 393

SOLDER-MOUNT THE ELECTROPLATED SECOND CONTACT SURFACE OF THE PIEZOELECTRIC TRANSDUCER ELEMENT WITHIN THE HOUSING SUCH THAT THE ELEMENT IS THEREBY COUPLED TO THE OUTER SURFACE OF THE DUCT IN A SUBSTANTIALLY CONTERMINOUS FASHION

~ 394

INSTALL A MEANS FOR CONDUCTING ELECTRICAL SIGNALS BETWEEN THE ELECTROPLATED FIRST CONTACT SURFACE OF THE PIEZOELECTRIC TRANSDUCER ELEMENT AND THE OUTSIDE OF THE HOUSING

~ 395

CLOSE THE HOUSING SUCH THAT THE PIEZOELECTRIC TRANSDUCER ELEMENT IS THEREBY SUBSTANTIALLY ENCLOSED WITHIN THE CHAMBER OF THE HOUSING

~ 396

**FIG. 17B**